

Fig. 1. (a) FCC Spectrum allocation chart (top), (b) Measured spectrum usage at the Berkeley Wireless Research Center (down).

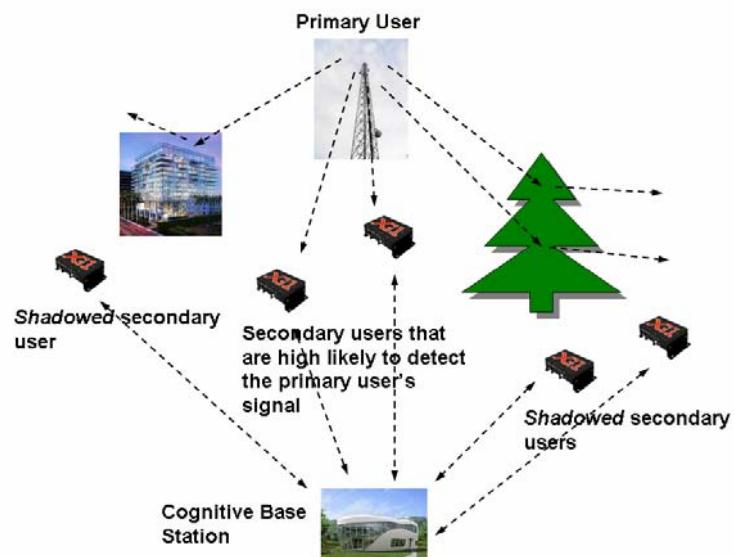
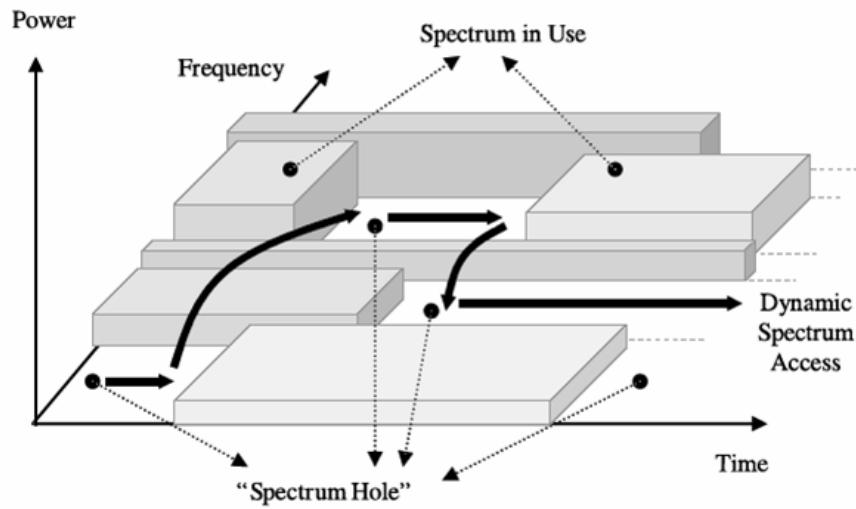
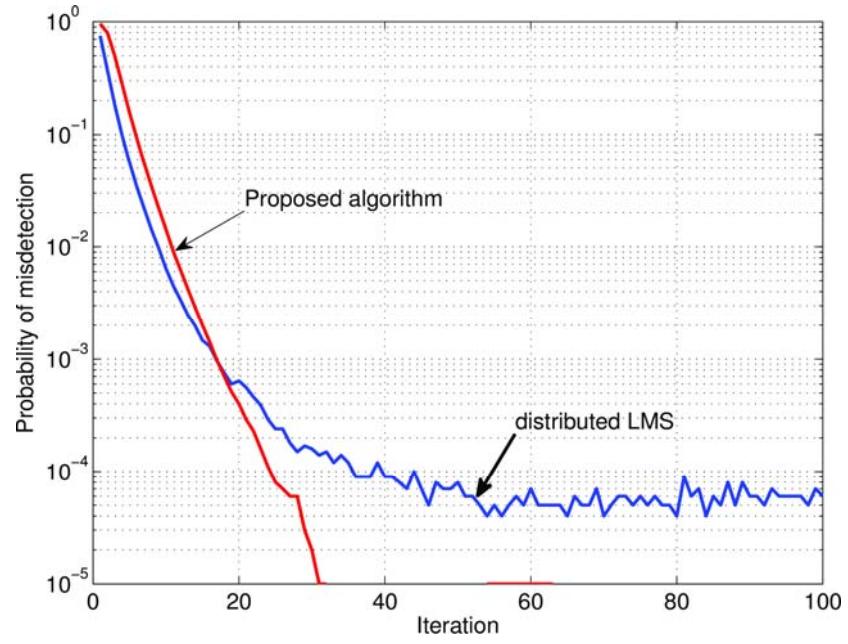
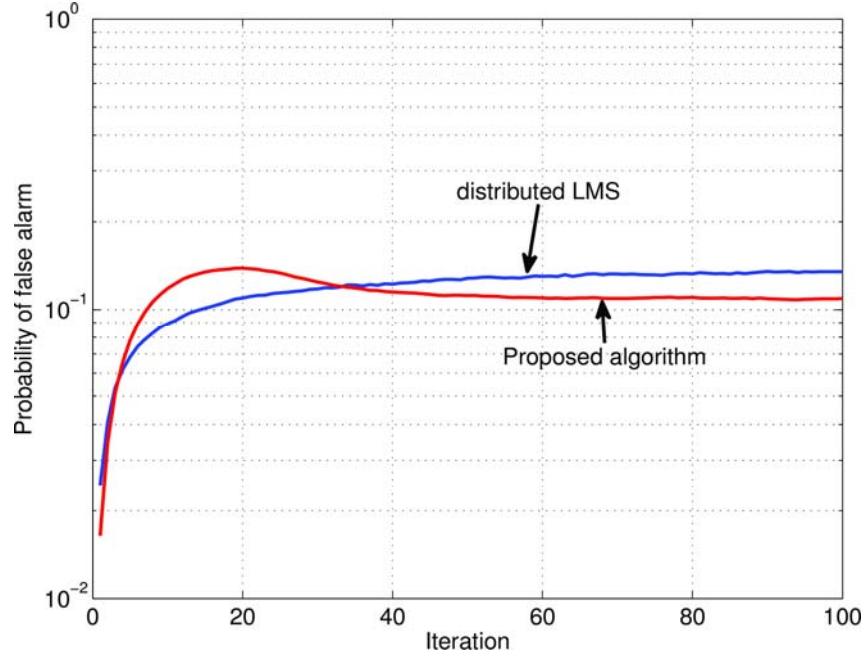


Fig. 2. (a) Spectrum holes (top). (b) SS model (down).



(a)



(b)

Fig. 3. Empirical probabilities as a function of the number of iterations. (a) Empirical probability of misdetection (report \mathcal{H}_0 when \mathcal{H}_1 is true) in the node with the worst performance at each iteration. (b) Empirical probability of false alarm (report \mathcal{H}_1 when \mathcal{H}_0 is true) in the node with the worst performance at each iteration.